

DCNNER, L.; HEYROVSKY, A. Technicka psoluprace: SETKOVA, O.; HOUSKOVA, J.

Anticoagulant properties of the arterial wall. Cas. lek. cesk.
103 no.23:617-621 5 Je'64

1. II. interni klinika fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze (prednosta: prof. dr. F. Herles), a
Angiologicka laborator pri IV. interni klinice fakulty vse-
obecneho lekarstvi KU [Karlovy university] v Praze (reditel:
prof. dr. B. Prusik).

DONNER, L.; HEYROVSKY, A.; Technicka spoluprace: HOUSKOVA, J.; SETKOVA, O.

Anticoagulant properties of the aortic wall in arteriosclerosis.
Cas. lek. cesk. 103 no.43:1185-1187 23 0 '64.

1. II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze, (prednosta prof. dr. F. Heries) Angiologicka
laborator Ceskoslovenskej akademie ved, (vedouci prof. dr. B.
Prusik).

DONNER, L.; MACKU, F.; KUZEL, D.

Contribution to hypofibrinogenemic hemorrhage during labor and abortion. Vnitri lek. 11 no.2:168-174 F '65

1. II. vnitri klinika prof. Dr. Herless. II. porodnicko-gynekologicka klinika prof. Dr. Lukase a I. porodnicko-gynekologicka klinika prof. Dr. Klause.

DONNER, L. (Praha 2, U nemocnice 2) Techn. spolupráce: HOUSKOVÁ, J.; SETKOVÁ, O.

Changes in fibrinolysis and blood coagulation in thrombolytic treatment with streptokinase. Cas. lek. cesk. 104 no.24: 641-643 18 Je'65.

1. II interní klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta: prof. dr. F. Herles, DrSc) a IV. interní klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta: prof. dr. M. Fucik, DrSc.).

NEUMERTOVA, R.; DONNER, L.; JANOTA, M.; BROUSIL, J.

Erythrocyte picture in chronic respiratory insufficiency in
chronic inflammation of the bronchi and pulmonary emphysema.
Vnitřní lek. 11 no.3:216-225 Mr '65

1. II. vnitřní klinika (prednosta: prof. Dr. F. Herles) a
Biofyzikální ústav (prednosta: doc. Dr. Z. Dienstbier).

DONNER, L.; Technická spolupráce: SETKOVÁ, O. HOUSKOVÁ, J.

The relationship between various coagulation factors and
fibrinolysis. Vnitřní lek. 11 no.6:537-544 Je'65.

1. II. vnitřní klinika Karlovy University, Praha (prednosta - prof.
Dr. F. Herles).

VRBA, M.; DONNER, I.

Summary findings on the rat karyotype and on chromosomal characteristics of rat tumours induced by Rous sarcoma virus in vitro. Neoplasma (Bratisl) 12 no.3:265-284 '65.

1. Institute of Experimental Biology and Genetics, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.

DONNER, L., Dr.; KRCILEK, A., Dr.

Our experience with the streptokinase thrombolytic therapy.
Vnitřní lek. 11 no. 12: 1192-1197 D ' 65.

1. II. vnitřní klinika Karlovy University (prednosta - prof.
Dr. F. Herles) a IV. vnitřní klinika Karlovy University
(prednosta - prod. Dr. M. Ficik).

DONNIK, I. Ya.

Carrying capacity of I-beams symmetrically reinforced under the
load. Sbor.nauch.trud. KHGI 5:319-333 '58. (MIRA 14:4)
(Girders) (Strain and stresses)

DONNIK, I. Ya.

Calculating beams reinforced under load according to rated
limiting states. Stor.nauch.trud. KHGI 5:335-347 '58.
(MIRA 14:4)
(Girders) (Strains and stresses)

DONNIK, I.Ya.

Investigating the deflection of unsupported and symmetrically supported I-beams in the elastic-plastic range under the effect of uniformly distributed loading. Nauch. trudy KHGI no.6:311-323 '58, (MIRA 14:4)
(Girders) (Strains and stresses)

DOMNIKOV, V.A., insh.

Why railroads have no Offices for the Promotion of Industrial
Efficiency and Inventions? Isobr.v SSSR 2 no.10:47 0 '57.
(MIRA 10:11)

(Railroads--Management)

DONNIKOVA, P.D.

Socialist conservation of the rolling stock of the city transport system.
Gor.khoz, Mosk. 25 no.9:28-30 S '51. (MLRA 6:11)
(Moscow--Rapid transit)

CHRZ, R.; DVORAK, L.; DONOCH, A.

Postprandial plasma turbidity in relation to atherosclerosis. Cas.
lek. cesk. 96 no.33-34:1065-1070 23 Aug 57.

1. III. interni klinika KU v Praze, prednosta akademik J. Vharvat.
R. Ch., Praha 12, Tr. W. Piseck, 43.

(ARTERIOSCLEROSIS, blood in

postprandial plasma turbidity (Cz))

(GASTROINTESTINAL SYSTEM, physiol.

postprandial plasma turbidity in atherosclerosis (Cz))

Horovic, A.

Country: Czechoslovakia

Academic Degree: Dr.

Affiliations: No III Clinic of Internal Medicine (III vnitřní klinika) of the Faculty of
General Medicine (Všeobecné lékařství), of Charles University (K
[Karlova universita]), Prague. Head: Academician Josef CHADIM.

Source: Prague, *Vnitřní lékařství*, No 4, Apr 61, pp 370-383

Title: "Agglutins in the Plasma and the Erythrocytes of Patients with Liver Cirrhosis."

Co-authors:

HOROVIC, A. No III Clinic of Internal Medicine, etc.
KARLLOVA, J.

KUCHEL, Oto; HORKY, Karel; DONOCIK, Antonin

Clinical use of spiro lactone SC-9420 "Aldactone". Cas. lek. cesk.
101 no.31:962-967 27 J1 '62.

1. III interni klinika fakulty vseobecneho lekarstvi KU v Praze,
prednosta akademik J. Charvat.

(ALDOSTERONE antag) (DIURETICS ther)
(HEART FAILURE CONGESTIVE ther)

2

CZECHOSLOVAKIA

DONOCIK, A., MD; PRIBYL, J., Engineer

Third Internal Medicine Clinic of the Faculty of General
Medicine of Charles University (III. vnitřní klinika
fakulty všeobecného lékařství Karlovy univerzity),
Prague (for both)

Joseph Dime, Vnitřní lékařství, No 5, 1963, pp 425-428

"Methods of Taking Stomach Temperature."

JEKLER, J.; DONOGIK, A.

Thrombosis of the superior mesenteric veins in patients with liver cirrhosis. Cesk. gastroent. vyz. 17 no.3:175-179 Ap '63.

1. II chirurgická klinika fakulty všeobecného lékařství KU v Praze, přednosta prof. dr. J. Lhotka - III interní klinika fakulty všeobecného lékařství KU v Praze, přednosta akademik J. Charvat.

(MESENTERIC VASCULAR OCCLUSION)
(LIVER CIRRHOSIS) (HEPATITIS, INFECTIOUS)
(MESENTERIC VEINS)

DONOCIK, A.; BURES, Z.

Terminal ileitis simulating, in its long-term course, anorexia nervosa in the postpuberal period. Cesk. gastroent. vyz. 17 no.3:189-192 Ap '63.

1. III interni klinika fakulty vseobecného lékařství KU v Praze, přednosta akademik J. Charvat II chirurgická klinika fak. vseob. lékařství KU v Praze, přednosta prof. dr. J. Lhotka.

(ILEITIS, REGIONAL) (ANOREXIA NERVOSA)
(CACHEXIA) (PUBERTY) (INTESTINAL OBSTRUCTION)
(DIAGNOSIS, DIFFERENTIAL)

CZECHOSLOVAKIA

DONOCIK, A., Third Clinic of Internal Medicine (III. interni klinika), Faculty of General Medicine (Fakulta vseobecneho lekarskeho). Charles University, Prague, Academician J. CHARVAT, director.

"Antibodies Against Liver and Liver Cirrhosis"

Prague, Casopis Lekaru Ceskych, Vol CII, No 25, 21 June 63, pp 664-686.

Abstract [Author's English summary]: Laenec's cirrhosis shows a positive test for antibodies against liver in only 20% of cases. However, in the history liver failure with jaundice was found. Almost all postnecrotic cirrhotics showed positive antibodies. It is assumed that the formation of antibodies against changed liver tissue sets in only after some metabolic disturbance caused by liver failure. Five references, including 1 Czech.

DONOCIK, A.

Metabolic data on hypertension (essential hypertension). Cas.
lek. cesk. 103 no. 34. Lek. Ved. Zahr. 8:145-155 21 Ag '64.

1. Fakultni nemocnice II v Praze (reditel MUDr. Z. Ponec).

DOHOČIK, A. (Praha 10, Kralická 1)

Immunopathological phenomena in liver diseases. Cas. lek. česk.
104 no.19:501-506 14 My '65.

1. Fakultní nemocnice s poliklinikou v Praze (reditel: MUDr.
Z. Ponec).

DONOCIK, A.

Metabolic diseases of muscles. Cas. lek. cesk. 104 no.31:
145-155 30 JI '65.

1. Interni oddeleni nemocnice v Horocičích (vedoucí MUDr.
A. Donocik).

Electrical Engineering Abst.
Vol. 57 No. 675
Mar. 1954
Telecommunication

1245. Czechoslovak diversity receiving system.
R. DROZDZ. *Státoprůdý Obzor*, 14, No. 7-8,
289-301 (1953) in Czech.

A description of the type ZVP2 system in which the signal is simultaneously received by three (or two) serials and applied via 600 Ω symmetrical lines to the 70 Ω non-symmetrical inputs of three independent receivers. Each receiver is fitted with three 600 Ω /70 Ω transformers covering bands: 3-6 Mc/s, 6-12 Mc/s and 12-24 Mc/s. The receivers are double super-heterodynes, their first oscillators being crystal-stabilized. Each receiver has 21 channels of 1 Mc/s width and 21 tuned circuits. The first intermediate frequencies for each channel lie in the band 2.5-1.5 Mc/s. The second oscillator is tuned to give an i.f. of 400 kc/s. The second i.f. stage has 4 amplifying valves and 5 selectivity ranges. The overall sensitivity is $< 1 \mu V$. The system is designed to receive telephone signals and amplitude- or frequency-modulated telegraphy. The strongest signal is selected by means of a rectifying circuit which blocks the i.f. signals of the remaining units. Block-schematics, circuit diagrams and photographs of the various parts of the equipment are given. The characteristics of the system are shown either graphically or numerically.

R. S. SPONOWICZ

621.317.34.029.5 : 621.385

1238. A contribution to the measurement of valve noise in the 100 kcps frequency band.

R. DOWDALL AND J. PORTANEA. *Siebiproviz Otkr.* 14, No. 10, 435-41 (1953) in Czech.

The standard method of measuring the noise is briefly described, and it is pointed out that its validity is limited to the cases of negligible internal conductance of the valve. It is shown analytically that the method can be extended to the cases of appreciable internal conductance, provided that a narrow-band receiver is used in the measurements. The noise current is given by $I^2 = 2ef_d(a^2 + b^2/s^2)$ where I_d is the current of the standard noise source, a and b being the parameters determined from the measurements. It is necessary to take five instead of the normal three readings. A brief description of a suitable instrument is given. R. S. HODKOWICZ

5-4-55 *g*

DONOCIK, R.

Josef Horak's Elektronické měření (Electronic Measuring); a book review. p. 587
SALBOPROUDY OBZOR, Vol. 15, No. 12, Dec. 1954, Prague.

SO: Monthly List of East European Accessions, (EEAL), LC, No. 5, No. 6, June 1956 Uncl.

DONOCIK, R. ; NOVOTNY, V.

DONOCIK, R. ; NOVOTNY, V. Fundamentals for calculating intermediate-frequency amplifiers.
p. 68

Vol. 4, no. 3, Mar. 1956
SDELOVÁCI TECHNIKA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

ICMCCIV, R.

ICMCCIV, R. Electric noise in circuit elements. (To be contd.) p. 542.

Vol. 17, No. 10, Oct. 1956.

SIATECHNICKY OBRAT.

TECHNICAL

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

Donocik, R. ; Novotny, V. ; Prochazka, J.

Donocik, R.;; Novotny, V. ; Prochazka, J. Lambda IV, an instrument for measuring electric interferences. p. 357.

Vol. 4, no. 12, Dec. 1956

SDELOVACI TECHNIKA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

Donocik, R.

Donocik, R.

Donocik, R. Electric noise in circuit elements. (Conclusion) p. 617.

Vol. 17, no. 11, Nov. 1956

SLABOPROUDY OBZOR

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

Donocik Rudolf
CZECHOSLOVAKIA/Radio Physics - Reception of Radio Waves

I-6

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 8957

Author : Donocik Rudolf
Inst : ~~NOT GIVEN~~

Title : Sensitivity of Radio Receiving Devices -- Basic Definitions
and Calculation

Orig Pub : Slaboproudy obzor, 1957, 18, No 4, 244-256

Abstract : Computation relationships are given to determine the basic
parameters of amplifiers with grounded cathode, grounded grid,
and grounded anode.

Card : 1/1

Z/037/62/000/005-6/046/049
E140/E520

AUTHOR: Donocik, R.

TITLE: The impedance theorem on the effects of inhomogeneities
in electromagnetic configurations

PERIODICAL: Československý časopis pro fysiku, ^{vol 12} no. 5-6, 1962,
709-720

TEXT: The well-known relation for the complex frequency of
cavity resonators with small inhomogeneity is derived in a manner
which permits the simple determination of the range of validity
of the approximate relation. The following part outlines the
procedure for obtaining an impedance theorem of the influence of an
arbitrary inhomogeneity in closed electromagnetic formations.
After a short description of the content of the new theorem, a
general way in which it can be used is pointed out. The above
approximate relation was derived from it, an attempt thus being
made to explain the effectiveness of the theorem. The new theorem
can be used in non-contact measurement of the complex material
constants of permittivity ϵ and permeability μ by means of an
electromagnetic field. There are 2 figures.

Card 1/2

The impedance theorem on the ...

Z/037/62/000/005-6/046/049
E140/E520

ASSOCIATION: Výzkumný ústav pro sdělovací techniku A.S. Popova,
Praha (A.S. Popov Telecommunications Research
Institute, Prague)

Card 2/2

BURGER, Ladislav; DONOCIKOVA, Jarmila

Devergie's pityriasis rubra pilaris. Cesk. dermat. 35 no.2:110-112
Apr '60.

1. Kozni oddeleni OUNZ v Mlade Boleslavi, prednosta dr. Milos Lulay
Detske oddeleni OUNZ v Mlade Boleslavi, prednosta dr. V. Pokorny.

(DERMATITIS EXFOLIATIVA)

UNIONENKO, V. O.

Л.А.С. I BOOK EXPLOITATION 80V/530
 Тезисы докладов по основным проблемам теории машин
 и механизмов. 24, Москва, 1958.
 Динамика машин; сборник статей (Dynamics of Machines; Collec-
 tion of Articles). Moscow: Mashinostroyeniye, 1960. 240 p. (Its:
 Printed) Extra slip inserted. 3,000 copies printed.
 Sponsoring Agency: Institut mashinovedeniya Akademii nauk
 SSSR.

Editorial Board: I. I. Arkobolevsky (Resp. Ed.), Academician,
 Professor, O. G. Maslov, Doctor of Technical Sciences, Pro-
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 Ed.: L. V. Maslov, Candidate of Technical Sciences;
 Managing Ed. for General Technical Literature and Litera-
 ture on Transport Machine Building (Mashizh).

A. P. Davlov, Engineer; Tech. Ed.: N. I. Kozlov.

FOREWORD: This collection of articles is intended for
 engineers, designers, workers at scientific research in-
 stitutes, and instructors at schools of higher technical
 education.

CONTENTS: This collection consists of reports presented at
 the All-Union Conference on Problems in the Theory of
 Machines and Mechanisms held in Moscow in 1958. The re-
 ports discuss several problems of the dynamic design of
 complex mechanical systems. No personal files are men-
 tioned. References accompany most of the articles.
 D. I. Arkobolevsky, S. N. Kozlovskiy, Member of the Academy of
 Sciences USSR, and N. I. Maslov, Candidate of
 Technical Sciences. Investigation of a Vibration Impact

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DONONKOS, Sandor

"Current limit when switching off alternating-current short circuits by fuses" by Walter Rauch. Reviewed by Sandor Domonkos. Elektrotechnika 53 no.5/6:256-257 '60.

S/123/62/000/010/013/013
A004/A101

AUTHORS: Livanov, V.A., Gabidullin, R.M., Donorskaya, L.P.

TITLE: Some special features of the production of AMr5B and AMr6 alloy ingots

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 10, 1962, 9, abstract 10G50. (V sb. "Deformiruyemye alyumin. splavy". Moscow, Oborongiz, 1961, 195 - 199)

TEXT: To reduce the hot shortness of the AMr5B and AMr6 alloys it is necessary to maintain the iron-to-silicon ratio higher than 1.5, keep the manganese content of the alloy in the range of 0.50 - 0.55% and add some 0.0001 - 0.0002% beryllium to the charge. To produce ingots without coarse accumulations of inter-metallic compounds, the titanium and vanadium contents in the AMr6 and AMr5B alloys should amount to 0.02 - 0.05%.

[Abstracter's note: Complete translation]

Card 1/1

S/137/62/000/005/049/150
A006/A101

11500
AUTHORS: Livanov, V. A., Gabidullin, R. M., Donorskaya, L. P.

TITLE: Some peculiarities of obtaining AMr5B (AMg5V) and AMr6 (AMg6) alloy ingots

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 31, abstract 50198
(V sb. "Deformiruyemye alyumin. splavy", Moscow, Oborongiz, 1961, 195 - 199)

TEXT: Flat AMg5V and AMg6 alloy ingots are cast by the continuous method through a crystallizer of 205 x 1,400 mm cross section, having slots in the narrow faces. The casting temperature is 670 - 680°C, the speed of drawing the ingots is 65 - 75 mm/min. The authors studied the effect of various components in the alloy upon the hot-brittleness of the ingot. To reduce hot-brittleness of alloys AMg5V and AMg6, it is necessary to maintain the ratio of Fe to Si content > 1.5 and the Mn content in the alloy within 0.50 - 0.55%. To obtain high-quality ingot surfaces, it is sufficient to introduce 0.0001 - 0.0002% Be. To obtain ingots without coarse accumulations of intermetallic compounds, the Ti and

✓B

Card 1/2

Some peculiarities of...

8/137/62/000/005/049/150
A006/A101.

V content in AMg6 and AMg5V alloys should be 0.02 - 0.05%.

G. Svodtseva

[Abstracter's note: Complete translation]

Card 2/2

MARKU, Bernard, ing.; MICHAIL, Emil, ing.; PALADE, Joniel, ing.; DONOS,
Anatolij, ing.

Compensating the cement industry peak load. Inari energia 5
no.3:68 M '64.

SAVUL, M., acad.; MOVILEANU, A.; DONOS, M.; DONOS, I.

Chemism, distribution, and economic role of Cretaceous carbonate
rocks in Dobruja. Pt. 1. Studii cerc geol 8 no.1:79-100 '63.

SAVUL, M., acad. [deceased]; MOVILEANU, A.; DONOS, I.; DONOS, M.

Chemism, distributions, and economic role of the Cretaceous carbonate rocks in southern Dobruja. Pt.3. Studii cerc geol geof geogr 9 no.2:399-415 '64.

1. Pedagogic Institute, Iasi. Submitted June 19, 1964.

SAVUL, M., acad.; MOVILEANU, A.; DONOS, M.; DONOS, I.

Chemism, distribution, and economic role of Cretaceous carbonate
rocks in Dobruja. Pt. 1. Studii cerc geol 8 no.1:79-100 '63.

ABABI, V.; DONOS, M.

Geochemical distribution of the microelements (Mn, Zn, Cu, Co, Mo) in some chernozems in south Dobruja. Pt. 1. Studii chim Iasi 14 no. 2:191-201 '63.

1. Section of Geochemistry, Rumanian Academy, Iasi Branch.

SAVUL, M., acad. [deceased]; MOVILEANU, A.; DONOS, I.; DONOS, M.

Chemism, distributions, and economic role of the Cretaceous
carbonate rocks in southern Dobruja. Pt.3. Studii cerc geol
geof geogr 9 no.2:399-415 '64.

1. Pedagogic Institute, Iasi. Submitted June 19, 1964.

DONOV, P.A., inzh. (Leningrad)

Improving the technology of boring and blasting operations
in coal mines. Ugol' 39 no.3:24-25 My'64. (MIRA 17:5)

DONOV, V., k. s. s. n.

Possibilities of using Pinus peuce for increasing acreage
of coniferous forests in Bulgaria. Priroda Bulg 11 no. 6:
85-87 N-D '63.

1. Visssh lesotekhnicheski institut.

ACC NR: AM5027780 EWI(m)/EWP(w)/ETC(m)-6 IJP(c) WW/EM

Monograph

Dondoshanskiy, V. K.

UR/-

Use of electronic digital computers in calculating vibrations of elastic systems
(Raschety kolebaniy uprugikh sistem na elektronnykh vychislitel'nykh mashinakh)
Moscow, Izd-vo "Mashinostroyeniye", 1965. 366 p. illus., biblio. 5000 copies printed

TOPIC TAGS: vibration, blade vibration, flexural vibration, torsional vibration, vibration analysis, matrix function

PURPOSE AND COVERAGE: The book presents matrix methods for calculating the vibrations of elastic systems with the aid of programmed electronic digital computers. These methods, being convenient for programming and for suitable computer calculations, are gaining increasing use. Examples of computation algorithms taken from machine building practice (beam vibrations, coupled vibrations of rapidly rotating rotors, vibrations of turbine blades and discs) are presented. General properties of vibrating systems, knowledge of which is necessary for the analysis and design of such systems with the aid of electronic computers are considered. Information on matrix algebra is also presented. The book is designed for computation engineers and design offices and plants, and for workers in research and design institutions specializing in vibrations of elastic systems. It can also be used by students and graduate students of high technical schools in the study of oscillation theory. Ch. VII, devoted to programming questions, was written by L. T. Poznyak.

Card 1/2

UDC: 534.1.001.(022)

L 25657-66

ACC NR: AM5027780

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Ch. V. Vibrations of rotating rotors - - 190

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SUB CODE: 13, 12/

SUBM DATE: 01Jun64/

ORIG REF: 051/

OTH REF: 010

Card 2/2dda

DONOV, V.

"Distribution and Production of Gutta-percha from the Evonymus Verrucose Scop in
the Belovski District." p.208
(GORSKO STOPANSTVO Vol. 9, no. 5, May 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,
Oct. 1953, Uncl.

DCNOV, V.

DONCV, V. The condition of a forest reservation. p. 334.

Vol. 12, No.7, Sept. 1956.

GORSKO STOPANSTVO

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

DONOV, V.

"Planting Saplings on the Slope of A Forest."

p. 9 (Gorsko Stopanstvo, Vol. 14, No. 6, June 1958, Sofia, Bulgaria)

Monthly Index of East European Accession (EEAI) IC, Vol. 7, No. 11,
Nov. 1958

DONOV, V.

"One possibility of improving the structure of the beech forests."

GORSKO STOPANSTVO, Sofia, Bulgaria, Vol. 15, no. 3, Mar. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept.} ~~Jun~~ 59
Unclas

KHAMTSOV, A.I., arkhitekt; GONCHAROVA, A.A., nauchnyy sotrudnik; ANDREYEV, A.M.; GORDHEYEV, N.V., nauchnyy sotrudnik; PISARSKAYA, L.V., nauchnyy sotrudnik; DONOVA, K.V., nauchnyy sotrudnik; SMIRNOVA, Ye.I., nauchnyy sotrudnik; KIRILLOVA, L.P., nauchnyy sotrudnik; KREKSHINA, L., red.; YEGOROVA, I., tekhn.red.

[Through the Kremlin; concise guidebook] Po Kremliu; kratkii putevoditel'. Izd.2., dop. Moskva, Mosk.rabochii, 1960. 303 p. (MIRA 13:4)

1. Gosudarstvennaya Oruzheynaya palata (for Gordeyev, Pisarskaya, Donova, Smirnova, Goncharova, Kirillova). (Moscow--Kremlin--Guidebooks)

DONOV, Viktor, kandidat na selskostopanskite nauki; IOROVA, Kitka, biolog
Water, and life of plants. Prir i znanie 16 no.8:4-6 0 '63.

T

Country : USSR
Category: Human and Animal Physiology. Neuromuscular
Physiology

Abs Jour: RZhBiol., No 19, 1958, 89141

Author : Frits, T.; ~~Donovan, G.~~
Inst : Rumanian Academy
Title : The Effect of the Nervous Impulse on Amino-acidenia
of a Perfused Muscle

Orig Pub: Studii si cercetari fiziol. Acad. RPR, 1956, 1, No 3-4,
463-464.

Abstract: No abstract.

Card : 1/1

SOLOMON, M., Dr.; ~~DONOVAN, G. Dr.~~; VARTIKES, Chy.

Paper electrophoretic apparatus for making simultaneously a great number of analyses, with an ice-cooling and temperature-maintenance system. Med. int., Bucur. 4 no.8:1244-1248 Dec 56.

1. Lucrare efectuata in Clinica I-a chirurgicala, Spitalul Panduri si Sectia de fiziologie experimentală, Institutul de pediatrie.

(ELECTROPHORESIS, appar. & instruments
appar. for simultaneous analysis of 9 to 12 specimens,
with ice-cooling & temperature-maintenance system)

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Metabolism. Nitrogen Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74458

Author : Frits, T., Donovan, G.

Inst :

Title : Influence of the Nervous System on Nitrogen Metabolism in
Muscles.

Orig Pub : Studii si cercetari fiziol. Acad. RPR, 1957, 2, No 3-4,
463-469.

Abstract : An isolated (humoral) gastrocnemius muscle of a dog with
a sectioned or intact sciatic nerve was subjected to a
physical stress for one hour (a raised burden of determined
weight). In the perfusion liquid, the content of amino
acid (AA) was determined at the start of the stress period
and then each hour for 6 hours. With preservation of the
whole nerve, the content of AA in the perfusate was per-
manent. Neurotomy of the sciatic nerve led to an increase

Card 1/2

- 2 -

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Metabolism. Nitrogen Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74458

of the quantity of AA by 25-30%. The conclusion was made
that the nervous system takes part in the regulation of
the protein metabolism of transversostriated muscles.

Card 2/2

NICOLAU, I., prof.; DONOVAN, G., dr.; GHITA, N., dr.; OLARIU, Ana, dr.;
VARTIRES, Iuliana, chim.; BULAT, Emilia, dr.; BERCOVICI, Miriam, dr.

Study of the antigens from the serum of children with Bouillaud-Sokolski rheumatism, using the immunoelectrophoretic method.
Med. intern. 15 no.7:793-794 J1 '63.

1. Lucrare efectuata in Clinica de pediatrie a I.P.S.M.F. de
la Spitalul clinic "Fundeni", Bucuresti.
(ARTHRITIS, RHEUMATOID) (RHEUMATIC HEART DISEASE)
(ANTIGENS) (IMMUNOELECTROPHORESIS)
(BLOOD PROTEIN DISORDERS)

JEVSIC, Zivojin; DONOVIC, Cedomir; TRNINIC, Borivoje

Contribution to the study of hereditary diabetes insipidus.
(7 cases in 3 generations). Srpski arh. celok. lek. 90 no.3:
321-325 Mr '62.

1. Poliklinika sa dijagnostiskim centrom u Sarajevu Upravnik:
dr. Milica Jankovic-Gajic.
(DIABETES INSIPIDUS generics)

NICOLAU, I., prof. [deceased]; GHITA, N., dr.; OLARIU-UNGUREANU, Ana, dr.;
DONOVAN, Silvia, dr.; LAZAR, Lucia, dr.; SERBANESCU, M., dr.

Aspects of malignant reticuloses in children. Pediatria (Bucur.)
13 no.5:447-457 S-O '64.

1. Lucrare efectuata in Clinica de pediatrie a Spitalului clinic
"Fundeni".

BELAVTSEVA, Ye.M.; GUMARGALIYEVA, K.Z.; CHEMERIS, I.I.; DONOVSKIY-YANCHUK, A.G.

Use of the UZDN-1 ultrasonic disperser in electron microscopy. Zav. lab.
30 no.12:1478-1480 '64. (MIRA 18:1)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

CONFIDENTIAL

CA

THE EXTRACTION OF SULFUR FROM PYRITES BY ROASTING WITH LIME. V. S. FINKELSTEIN, D. B. DONAKAYA AND A. YA. SEIDELAKH. *J. Chem. Ind. (Moscow)* 1932, No. 7, 402.

The best yield of H_2S is obtained from 5 g. of FeS_2 , 4.2-4.5 g. of CaO and 2 g. of charcoal roasted at 800° , cooled and treated with HCl . Neither $MgCl_2$ alone nor CO_2 under pressure remove the H_2S effectively.

H. M. LEICHTEN

USSR-SLA METALLURGICAL LITERATURE CLASSIFICATION

1275 (REV. 4-82) 11 (15)

1ST AND 1ST SERIES

PROCEDURES AND PROPERTIES INDEX

2

CP

The solubility of zinc and cadmium nitrate in liquid ammonia. D. B. Danilov, and M. A. Portnov. J. Gen. Chem. (U. S. S. R.) 9, 880-81 (1980). --The soly. of $Zn(NO_3)_2$ in NH_3 rises from 21.11 g. per 100 g. NH_3 at -77° to 28.65 g. at -65° , then falls off to 29.11 g. at 0° and again rises to 38.40 g. at 120° . Between -75 and -65° the stable salt is $Zn(NO_3)_2 \cdot 10NH_3$. From -65 to 0° , the stable form is $Zn(NO_3)_2 \cdot 6NH_3$ and above 0° it is $Zn(NO_3)_2 \cdot 4NH_3$. The crit. temp. of soln. is 61° , and above this the soln. seps. into 2 layers. The upper layer is richer in NH_3 , the lower in $Zn(NO_3)_2$. The soly. of $Cd(NO_3)_2$ in NH_3 is at a max. of 25.5 g. per 100 g. NH_3 at -75° , and then decreases to 0.38 g. at 27° . H. M. Leicester

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNDICATE

100000 NIP GUY 000

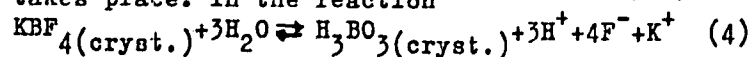
COLLECTION

100000 NIP GUY 101

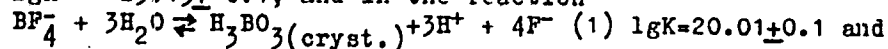
100000 NIP GUY 101

The Over-All Equilibrium Constant of Hydrolysis of Tetra- SOV/76-33-1-18/45
fluoroborate Ion BF_4^-

meter M-25 as balancing apparatus. The results, shown in tables, prove that a strong reaction of H_3BO_3 with F^- -ions takes place. In the reaction



$\lg K' = 23.15 \pm 0.1$; and in the reaction



$\Delta F_{2980} = 27.27 \pm 0.14 \text{ kcal.}$ Instead of the value (-343 kcal)

found by Latimer (Ref 12), for BF_4^- the value of about -352 kcal is given for free formation energy. There are 1 figure, 1 table, and 12 references, 10 of which are Soviet.

ASSOCIATION: Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta (Dnepropetrovsk Institute of Railroad Engineers)

SUBMITTED: June 21, 1957

Card 2/2

11.2223

5.3700 also 2209

84214

S/078/60/005/010/007/021

B004/B067

AUTHORS: Ryss, I. G., Donskaya, D. B.

TITLE: Diethylaminoboron Trifluoride. Diethylammonium Tetrafluoroborate

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 10, pp. 2251-2257

TEXT: In reacting anhydrous diethylamine with BF_3 or $\text{F}_3\text{B}\cdot\text{O}(\text{C}_2\text{H}_5)_2$ the authors did not obtain the substance designated in Ref. 1 as diethylaminoboron trifluoride but diethylammonium tetrafluoroborate

$[(\text{C}_2\text{H}_5)_2\text{NH}_2]^+ \text{BF}_4^-$. They obtained the same compound when neutralizing tetrafluoroboric acid with diethylamine. This is a colorless crystalline substance with the melting point at about 168°C . Diethylaminoboron trifluoride $\text{F}_3\text{B}\cdot\text{NH}(\text{C}_2\text{H}_5)_2$ could be synthesized by passing BF_3 and N_2 (obtained by thermal decomposition of $\text{C}_6\text{H}_5\text{N}_2\text{BF}_4$) through anhydrous

Card 1/4

Diethylaminoboron Trifluoride.
Diethylammonium Tetrafluoroborate

84211
S/078/60/005/010/007/021
B004/B067

diethylamine cooled to $-25 \pm 5^\circ\text{C}$. Fig. 4 shows the scheme of the apparatus used for this purpose. This compound is a neutrally reacting, rather unstable liquid which gradually turns yellow at -20°C and rapidly decomposes in alkaline media. Its melting point is found at approximately -25°C . It could not be exactly determined due to the tendency of the substance toward undercooling and decomposition. Table 1 gives the analytical data. Their deviation from the theoretical composition, especially in samples stored for longer periods is explained by the

following reactions: $2\text{F}_3\text{B:NH}(\text{C}_2\text{H}_5)_2 = \text{F}_3\text{B-N}(\text{C}_2\text{H}_5)_2 + [(\text{C}_2\text{H}_5)_2\text{NH}_2]\text{BF}_4$;

$\text{F}_3\text{B:NH}(\text{C}_2\text{H}_5)_2 = \text{C}_2\text{H}_5\text{F}^\uparrow + \text{F}_2\text{B-NHC}_2\text{H}_5$; $\text{F}_3\text{B:NH}(\text{C}_2\text{H}_5)_2 = \text{HF}^\uparrow + \text{F}_2\text{B-N}(\text{C}_2\text{H}_5)_2$.

Purer preparations could be obtained at -25°C by passing BF_3 through $\text{NH}(\text{C}_2\text{H}_5)_2$ dissolved in CCl_4 . In this case the liquid was separated into two layers, the upper one of which contained the $\text{F}_3\text{B:NH}(\text{C}_2\text{H}_5)_2$ dissolved in CCl_4 . CCl_4 was evaporated in vacuum. The best results, however, were obtained by saturating a mixture of diethylamine and toluene with BF_3 at -78°C . Diethylaminoboron trifluoride was separated as a white powder.

Card 2/4

Diethylaminoboron Trifluoride.
Diethylammonium Tetrafluoroborate

84214

S/078/60/005/010/007/021
B004/B067

By means of this preparation the rate of hydrolysis of the compound was studied. $x = n_t/n_0$ was determined, where n_0 denotes the content of diethylaminoboron trifluoride at the beginning of the experiment, and n_t the content after the period t . Fig. 1 shows the function $\log x = f(t)$. Its linear course corresponds to a first-order reaction. Table 2 gives the data found at 60, 70, 80, and 90°C for calculating the rate constant k , and Fig. 2 represents the function $\log k = f(1/T)$. The dependence $\log(0.4343k) = 17.29 - 7016/T$ was found. The activation energy of hydrolysis is 22.1 kcal/mole, and the activation entropy is 12 e.u. The value of the activation energy corresponds to the expected value pK for the dissociation of diethylamine. Fig. 3 shows $E = f(pK)$ for coordination compounds of BF_3 with pyridine, ammonia, trimethylamine, methylamine, dimethylamine, and diethylamine. In the apparatus used for the synthesis the air humidity was kept out either by means of tubes filled with P_2O_5 , partly by means of a Tishchenko flask filled with H_2SO_4 . There are 4 figures, 2 tables, and 12 references: 11 Soviet and 1 US.

Card 3/4

Diethylaminoboron Trifluoride.
Diethylammonium Tetrafluoroborate

84211

S/078/60/005/010/007/021
B004/B067

ASSOCIATION: Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo
transporta (Dnepropetrovsk Institute of Railroad Engineers)

SUBMITTED: March 27, 1959

Card 4/4

RYSS, I.G.; DONSKAYA, D.B.

Kinetics of pyridine sulfotrioxidehydrolysis. Dokl.AN
SSSE 133 no.4:882-885 Ag '60. (MIRA 13:7)

1. Ennepetrovskiy institut inzhenerov zheleznodorozhnogo
transporta. Predstavleno akad. A.A.Grinbergom.
(Pyridine)

HYSS, I.G.; DONSKAYA, D.B.

Diethylaminoboron trifluoride. Diethylammonium tetrafluoborate.
Zhur. neorg. khim. 5 no.10:2251-2257 0 '60. (MIRA 13:10)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Boron fluoride) (Fluoboric acid)

DONSKAYA, G., and MARKOVA, A.

Book on the development of consumer cooperatives in the USSR ("Consumer Cooperative in the USSR; a historical study." Kistanov, YA, Reviewed by Donskaya, G. and Markova, A.) Vop. ekon. No 5, 1952.

N/5
927.752
.D6

DONSKAYA, GALINA KUPRIANOVNA

Chto Takoye Khozyaystvennyy Raschet I Kakuyu Rol' On Igrayet V Narodnom Khozyaystve (What Is Cost Accounting and What Role Does It Play in the National Economy?) Moskva, 1956. 20 p. At Head of Title: Russia. Ministerstvo Kul'tury, and Moscow. Publichnaya Biblioteka.

VADIKOVSKAYA, Lyudmila Mikhaylovna; ~~DONSKAYA, Galina Kudriyanovna;~~
OSLIKOVSKAYA, Ye.S., kand.ekon.nauk, nauchnyy red.; SEMENOVA,
V.A., red.; SUSHKO, A.G., red.; KHOVANSKIY, I.P., tekhn.red.

[Agriculture] Sel'skoe khoziaistvo. Moskva. (Biblioteka samo-
obrazovaniia) Vol.1. [The economics and organization of
socialist agriculture in the U.S.S.R.; a bibliography] Ekonomika
i organizatsiia sotsialisticheskogo sel'skogo khoziaistva v SSSR;
rekomendatel'nyi ukazatel' literatury. Nauchnaia red. E.S. Osl-
kovskoi. 1957. 102 p. (MIRA 12:4)
(Bibliography--Agriculture)

DONSKAYA, GALINA KUPRIYANOVNA

N/5
927.752
.L61

Chto takoye sebestoimost' promyshlennoy produktsii i kakoyy puti yeye snizheniya;
kratkiy rekomendatel'nyy ukazatel' literatury (What the cost price of industrial production
is and means of decreasing it) Moskva, 1957.

22 p.

At head of title: Russia (RSFSR) Ministerstvo Kul'tury (and) Moscow. Publichnaya
Biblioteka.

VADIKOVSKAYA, L.M.; ~~DONSKAYA, G.K.~~; BOCHEVER, A.M., red.; ~~ENGICHEVA,~~
M.N., tekhn.red.

[Economic and organisational aspects of agriculture; recommended literature] Ekonomika i organizatsiya sel'skokhozyaystvennogo proizvodstva; rekomendatel'nyi ukazatel' literatury. Moskva, 1960. 62 p. (MIRA 14:2)

1. Moscow. Tsentral'naya nauchnaya sel'skokhozyaystvennaya biblioteka.

(Bibliography---Agriculture)

YAKOVLEVA, M.N.; DONSKAYA, G.K., red.; VASIL'YEVA, L.P., tekhn.red.

[What to read in political economy; recommended list of literature] Chto chitat' po politicheskoi ekonomii; rekomendatel'nyi ukazatel' literatury. Book 2. [Socialism] Sotsializm. 1960. 94 p. (MIRA 13:7)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Economics) (Economics--Bibliography)

DONSKAYA, G.K.; BOCHEVER, A.M., red.; SHAKHOV, S.N., tekhn. red.

[Learn to count, economize and manage; list of literature]
Uchites' schitat', ekonomit', khoziaistvovat'; ukazatel'
literatury. Moskva, 1962. 39 p. (MIRA 16:3)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Agriculture--Economic aspects)

DONSKAYA, G.K.; CHEREMISINOVA, I.P.; TYUTCHEVA, F.M., red.;
MAMONTOVA, N.N., tekhn. red.

[Aid to the young agricultural machinery operator; a list
of recommended literature] V pomoshch' molodomu mekhaniza-
toru sel'skogo khoziaistva; rekomendatel'nye spiski lite-
ratury. Moskva, 1963. 50 p. (MIRA 16:12)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Agricultural machinery)

DOMSKAYA, G. P.

"Problems of the Planning of Buildings for Kindergartens in Connection With the Unification of Construction." Cand Tech Sci, Chair of Architecture, Leningrad Construction Engineering Inst, Min Higher Education, Leningrad, 1954. (EL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational SC: Sum. No 598, 19 Jul 55

1. DONSKAYA, I.
2. USSR (600)
4. Latvia - Bee Culture
7. Bees and clover. Vokrug sveta No. 1 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SEREBRYAKOV, A.M.; CHIRIKOVA, Ye.L.; DOISKAYA, L.D.

Metachrome colors in wool industry. Tekstil'. Prom. 12, No.11, 37-9 '52.
(CA 47 no.22:12819 '53) (MLRA 5:11)

Donetskaya, L. I. On the structure of the solutions of a system of three linear differential equations in the neighborhood of the irregular singular point $t = \infty$. Doklady Akad. Nauk SSSR (N 5) 80, 321-324 (1981). (Russian). In slightly different notation, the homogeneous system $x' = Px$ ($t = d/dt$) is investigated, where $P = \sum_{k=0}^{\infty} P_k t^{-k}$, $t = \infty$ is a three-by-three matrix, t and P_k are real, and P_0 is in canonical form. The detailed description of solution matrices of $x' = Px$ near $t = \infty$ is given in terms of certain exponentials, powers of t , and uniformly convergent series.

E. A. Coddington (Cambridge, Mass.)

80w 827

Source: Mathematical Reviews,

Vol. 13, No. 5

DONSKAYA, L. I.

June 52

USSR/Mathematics - Singular point

"Construction of the Solution of a Linear System in the Neighborhood of a Regular Singular Point in Special Cases," L. I. Donskaya

Vest Leningrad. U, Ser. Mat, Fiz, Khim, Vol 7, No 6, pp 3-28

An investigation of the system of linear homogeneous differential eqs. $dx/dt = XP(t)$,

where t is complex, $P = \sum_{k=1}^{\infty} p^{(k)}t^{-k}$, $p^{(k)}$ are real constant matrices, $P^{(0)}$

possesses canonical form, and X is the matrix of the fundamental system of

solutions, the problem being to construct the solution in the form of the

product of two matrices such that the first includes the entire single-valued

singularity and the second is a holomorphic function of t in the neighborhood of

$t = \infty$ (the regular singular point of the system). I. A. Lappo-Danilevskiy

(Trudy Fiz-Matemat Inst imeni V/ A. Steklova, Otdel Matematicheskii, Vol 6,

1934; Vol 7, 1935), who concerned himself with the construction of solutions of

this type, showed that if the characteristic number of the matrix $P^{(1)}$ do not differ from each other by an integer, then the solution of the above-mentioned system is representable in the form $X = t^W Z(t)$, where the radical raising coincides with $P^{(1)}$ and $Z(t)$. Donskaya shows that for a system of 2 and 3 eqs. the solution can be represented in Lappo-Danilevskiy's form even in the exceptional cases where characteristic numbers of $P^{(1)}$ differ by an integer (unconsidered by Lappo-Danilevskiy), but $W \neq P^{(1)}$ and $D(Z) \rightarrow 0$ for $t \rightarrow 0$.

DONSKAYA, L.I.

Structure of the solutions of a system of three homogeneous linear
differential equations with an irregular singular point. Vest. LGU
8 no.5:15-64 My '53. (MIRA, 12:7)
(Differential equations, Linear)

DONSKAYA, L.I.

Structure of the solution for a system of M linear differential equations in the neighborhood of a regular singular point. Vest. Len.un. 9 no.8:55-64 Ag '54. (Differential equations, Linear) (MIRA 8:7)

(Differential equations, Linear)

DONSKAYA, L.V.; KANTOROVICH, R.A.

Changes in the neuromuscular system in experimental encephalomyelitis and poliomyelitis of white mice. Nov.med. no.38:71-76 '53. (MLRA 7:5)

1. Iz kafedry normal'noy fiziologii (zaveduyushchiy - professor Yu.M. Uflyand) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i Otdela virusologii (zaveduyushchiy - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor A.A.Smorodintsev) Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR.
(Encephalomyelitis) (Poliomyelitis)

DONSKAYA, L.V

Reorganisation of the innervation relationship of antagonistic muscles (electromyographic investigation). Fiziol.zhur. 39 no.6:685-688 N-D '53. (MLRA 6:12)

1. Kafedra normal'noy fiziologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(Muscle) (Nervous system)

D O N S K A Y A , L . V .

USSR/Human and Animal Physiology - The Nervous System.

V-8

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18507

Author : L.V. Donskaya

Inst : The Leningrad Medical Institute of Sanitation and Hygiene
and The National Institute of Childhood Orthopedics.

Title : The Dynamic Nature of Antagonistic Innervation.

Orig Pub : Tr. Leningr. san.-gigien. med. in-ta i s.-i. detsk. ortoped.
in-ta, 1956, 29, 26-33

Abstract : The electrical activity of the semimembranosus and quadriceps femoris muscles of rabbits, recorded by means of permanently fixed electrodes, developed simultaneously in both antagonists while the animals sat with extremities flexed, while they stood on the posterior extremities, and when they jumped. EMG were made with human subjects by means of superficial electrodes from the flexors and extensors

Card 1/2

DONSKAYA, L.V.
USSR/Human and Animal Physiology - The Nervous System. v-8
Abs Jour : Ref Zhur - Biol., No 4, 1958, 18509
Author : L.V. Donskaya
Inst : The Leningrad Medical Institute of Sanitation and Hygiene
and The National Institute of Childhood Orthopedics.
Title : The Mechanism of the Functional Reorganization of the
Innervation Relationships of Antagonistic Muscles.
Orig Pub : Tr. Leningr. san-gigien. med. in-ta i n.-i. detsk.
ortoped. in-ta, 1956, 29, 64-68
Abstract : It was shown on the basis of EMG that in the rabbit follow-
ing transplantation of the semimembranosus muscle to the
site of its antagonist, the resulting functional reorgani-
zation can be disturbed under ether anesthesia only during
the first week and a half. The same such disturbance oc-
curs when the motor zone of the cortex of the

Card 1/2

USSR/Human and Animal Physiology - The Nervous System.

V-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18509

contralateral cerebral hemisphere is destroyed; after one to two weeks, however, the new functional relationships which had been disturbed are re-established. Destruction of the motor zone of the second cerebral hemisphere again only leads to a temporary (one to two weeks) disturbance in the newly attained function, which is soon re-established once more. The new innervation relationships could be provided by diffuse elements of the cortical termination of the motor analyzer. The experiments with ether anesthesia oblige one to assume the participation in this process of subcortical formations as well.

Card 2/2

DONSKAYA, L.V.
USSR/Human and Animal Physiology - The Nervous System.

v-8

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18510

Author : L.V. Donskaya

Inst : The Leningrad Medical Institute of Sanitation and Hygiene
and The National Institute of Childhood Orthopedics.

Title : The Effect of Reflex Processes on Functional Reorganization
in the Nervous Centers of a Transplanted Muscle.

Orig Pub : Tr. Leningr. san.-gigien. med. in-ta i n.-i. detsk.
ortoped. in-ta, 1956, 29, 69-73

Abstract : In rabbits the successfully concluded functional reorgani-
zation of a transplanted muscle is disturbed upon trauma
to the symmetrical extremity. Operational trauma leads to
a permanent disturbance in coordination in the form of ex-
tensor contracture at the knee joints of both extremities.
A subdermal turpentine abscess does not give rise to gross

Card 1/2

USSR/Human and Animal Physiology - The Nervous System.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18510

V-8

disturbances in coordination; the EMG, however, shows a disturbance in reorganization and regression to the previous coordination relationships. The author emphasizes the importance of close functional connections between symmetrical centers in animals which move chiefly by hopping.

Card 2/2

DONSKAYA, L.V.; KANTOROVICH, R.A.

Characteristic of the state of the motor apparatus in poliomyelitis.
Trudy ISGMI 29:240-249 '56. (MLHA 10:9)

1. Kafedra normal'noy fiziologii (zav. - prof. Yu.M.Uflyand) Lenin-
gradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i
Otdel virusologii (zav. - chlen-korrespondent AMN SSSR, prof.
A.A.Smorodintsev) Institut eksperimental'noy meditsiny
(POLIOMYELITIS, physiology,
motor appar. (Rus))

EXCERPTA MEDICA Sec 8 Vol 12/10 Neurology Oct 59

5037. PATHOLOGICAL PHYSIOLOGY OF EXCITATION IN THE CENTRAL NERVOUS SYSTEM IN EXPERIMENTAL POLIOMYELITIS - Donskaya L. V. Dept. of Virol., USSR Acad. of Med. Scis, Med. Sanitary-Hyg. Inst., Leningrad - ACTA VIROL. (Bratislava) 1959, 3/2 (96-101) Graphs 2 Tables 1 illus. 2

In the course of experimental poliomyelitis functional changes are observed in the muscles, as shown by an increase in rheobase and chronaxy values. These are resorted to normal after denervation of the muscles involved. Changes in muscle bioelectric activity occur during myotactic reflexes in infected but clinically healthy animals. This is manifested by the appearance of insignificant action potentials, small in amplitude and frequency, and by synchronization of the muscle potentials. Reflex changes in muscle potentials after the application of mild and strong stimuli offer evidence for a reversal of inhibition-excitation interrelationship in the CNS, which is shown by the appearance of compensatory, paradoxical and inhibitory reactions. The results indicate the development of protracted inhibition foci of the type of Vvedensky's paraboliosis in the early phases of experimental poliomyelitis. These foci may be present for the whole period of illness, and, by extending their influence to the periphery, they can in certain cases determine the appearance of paralysis and pareses.

(L,8)

DONSKAYA, L.V.; STOMA, M.F.

Physiological analysis of the effect of vibrations on the organism.
Gig.i san. 26 no.1:37-48 Ja '61. (MIRA 14:6)
(MUSCLES) (VIBRATION—PHYSIOLOGICAL EFFECT)

DONSKAYA, L.V.; KHAUNINA, E.A.

Duration of the anticholinesterase activity of some phosphorus
organic compounds. Biul. eksp. biol. i med. 52 no.11:69-72
N '61. (MIRA 15:3)

1. Iz kafedry normal'noy fiziologii (zav. - prof. Yu.M.
Uflyand) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo
instituta. Predstavlena deystvitel'nyy chlenom AMN SSSR S.V.
Anichkovym.

(CHOLINESTERASES)
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